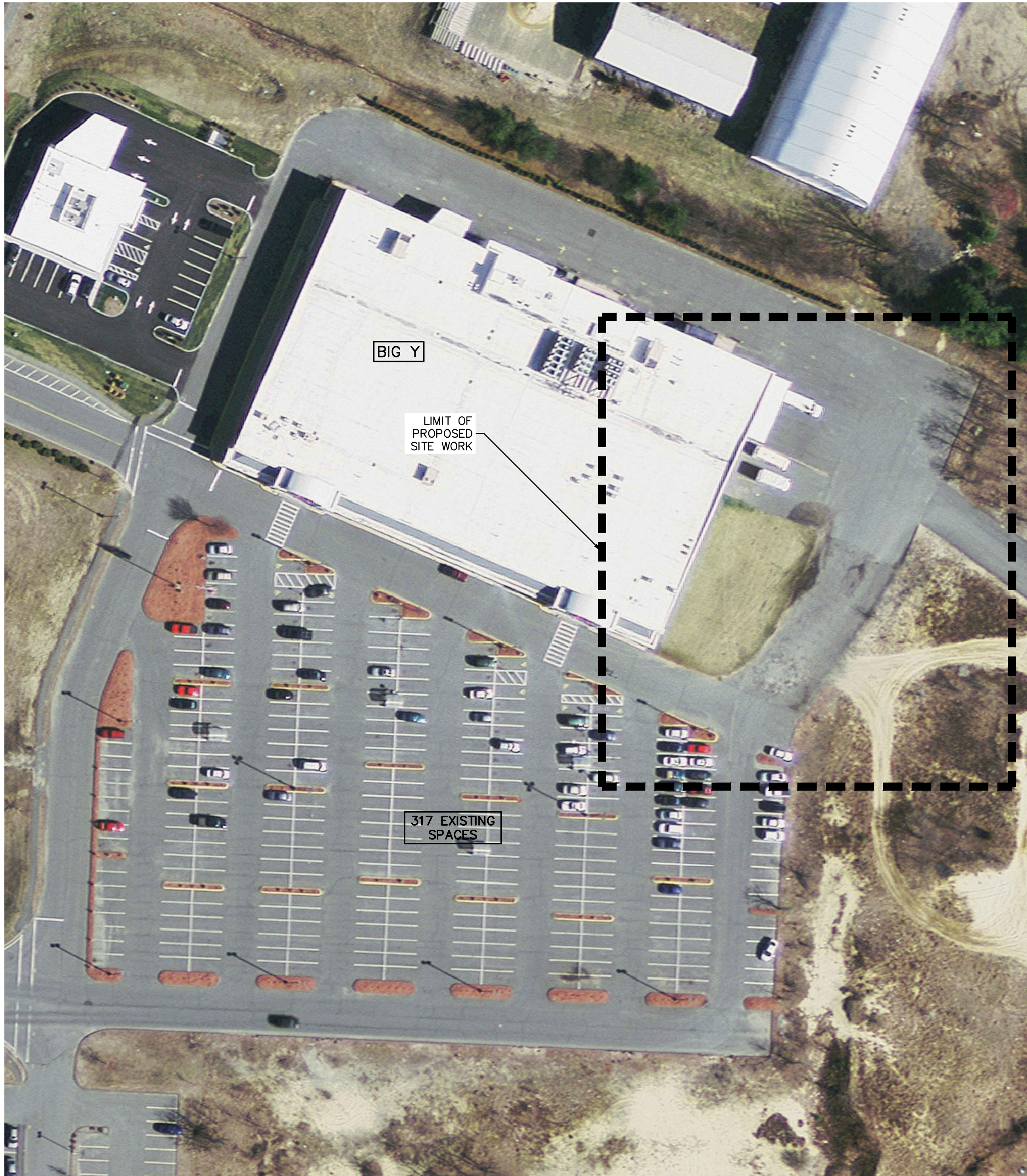
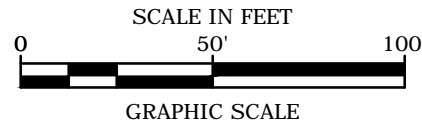


Aug 08, 2013 8:54am Plotted By: cml  
Tighe & Bond, Inc. J:\B\B0728 Big Y - Master Services Agreement\B0728-1 South Hadley\DWG-CAD\DESIGN\B0728-1 SITE.dwg Layout SITE



OVERALL EXISTING SITE



**SITE DATA**

LOCATION: 44 WILLIMANSETT STREET  
SOUTH HADLEY, MASSACHUSETTS  
TAX MAP 14, BLOCK 18

ZONING DISTRICT: BUSINESS C

**DIMENSIONAL REQUIREMENTS:**

	PRINCIPAL USE:	ACCESSORY USE:
MINIMUM LOT AREA:	20,000 SF	N/A
MINIMUM STREET FRONTAGE:	100 FT	N/A
MINIMUM YARD DIMENSIONS:		
FRONT:	25 FT	25 FT
SIDE:	25 FT	15 FT
REAR:	50 FT	50 FT
MAXIMUM STRUCTURE DIMENSIONS:		
STRUCTURE AREA:	65,000 SF	65,000 SF
STRUCTURE HEIGHT:	2 STORIES (35 FT)	2 STORIES (35 FT)

**PARKING REQUIREMENTS:**

	REQUIRED	PROVIDED
PARKING STALL LAYOUT:	9' X 20'	9' X 20'
90°		
aisle width:	24'	24'
90° (2 - WAY TRAFFIC):		
PARKING SPACES PROVIDED:	EXISTING 317 SPACES	PROPOSED 339 SPACES

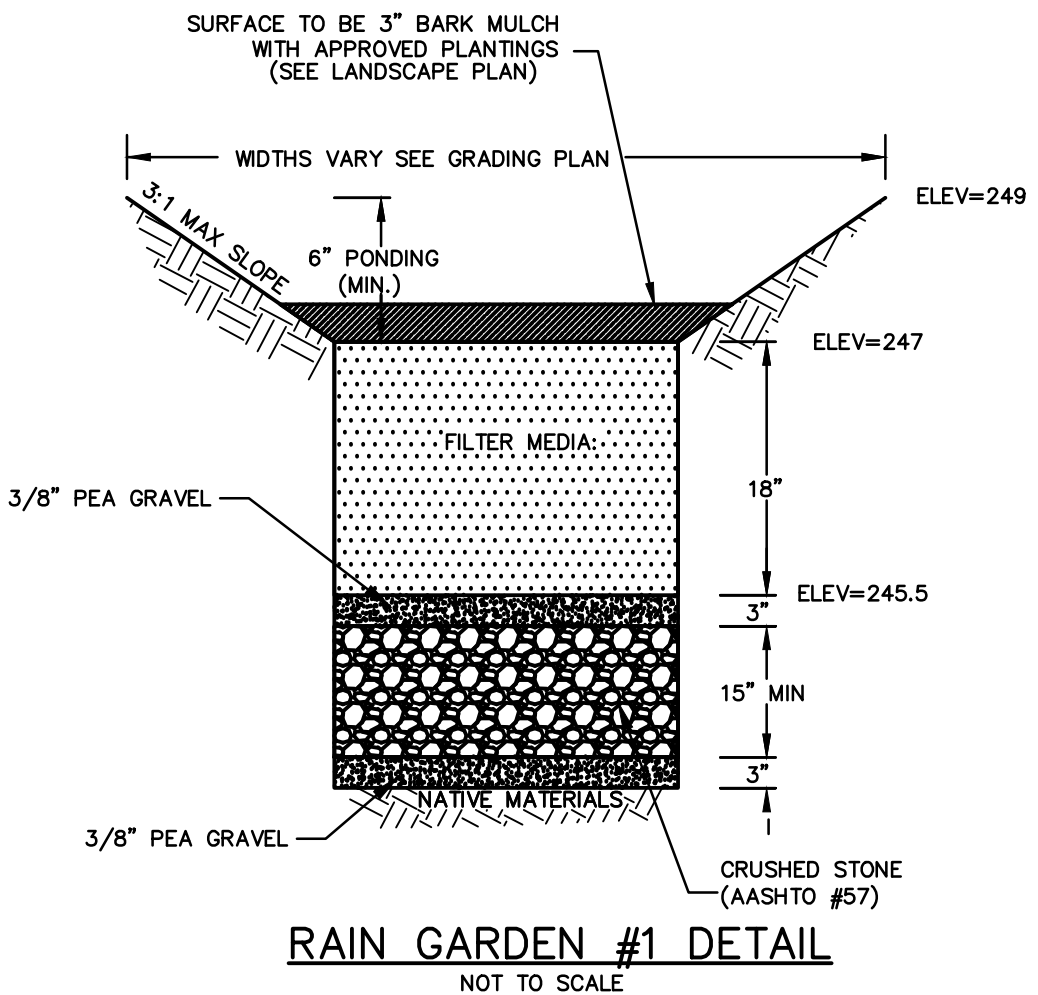
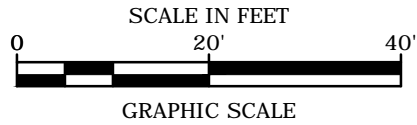
NOTE:  
1. INCREASE IN IMPERVIOUS AREA AS A RESULT OF  
ADDITIONAL PROPOSED PARKING SPACES IS APPROXIMATELY  
2,460 SF (0.2% OF OVERALL SITE). PROPOSED RAIN GARDEN  
TO MITIGATE INCREASE IN RUNOFF.

**LEGEND**

- PROPOSED PAVEMENT SECTION
- PROPOSED GREEN SPACE
- PROPOSED FLOW DIRECTION



PROPOSED SITE PLAN

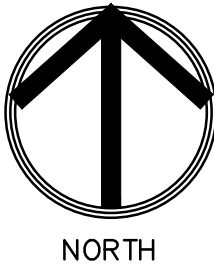


RAIN GARDEN #1 DETAIL  
NOT TO SCALE

COMPONENT MATERIAL	PERCENT OF MIXTURE BY VOLUME	GRADATION OF MATERIAL	
		SIEVE NO.	% PASSING STANDARD SIEVE
FILTER MEDIA			
ASTM C-33 CONCRETE SAND	50 TO 55	PER ASTM REQUIREMENTS	
LOAMY SAND TOPSOIL, WITH FINES AS INDICATED	20 TO 30	200	15 TO 25
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH WITH FINES AS INDICATED	20 TO 30	200	<5

NOTES:  
1. BARK MULCH SHALL BE AGED A MINIMUM OF 12 MONTHS AND SHALL NOT FLOAT.  
2. RAIN GARDENS SHOULD NOT BE PLACED INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.  
3. CONTRACTOR SHALL KEEP ALL EXCAVATION EQUIPMENT OUTSIDE THE LIMIT OF THE RAIN GARDEN.  
4. ENGINEER SHALL INSPECT SUBGRADE PRIOR TO CONSTRUCTION TO DETERMINE SEASONAL HIGH WATER TABLE AND VERIFY PERMEABILITY OF SOIL.

RAIN GARDEN SPECIFICATIONS  
NOT TO SCALE



Willimansett  
Street (Route 33)

Big Y Parking Lot  
Improvements

South Hadley,  
Massachusetts  
August 8, 2013

Mark	Date	Description
PROJECT NO:	B0728-1	
FILE:	B0728-1_SITE.dwg	
DRAWN BY:	CML	
CHECKED:	JLV	
APPROVED BY:	GMM	
PARKING LOT IMPROVEMENTS PLAN		
SCALE:	AS SHOWN	
1 OF 1		